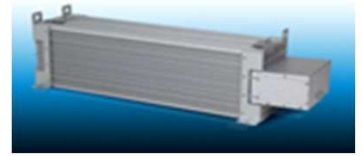


# Mini Braking High Power Resistor Assemblies [Preliminary]

The MBVA series of high power metal-clad wire wound resistors are designed for industrial high power applications & dump resistor for wind turbine. The powerful components comprise two, three or four high power resistors housed in partial steel covers at each end. These models are specially constructed for overload pulses. They have a thermostat and terminal box as optional. The most common applications for these models are: motor drives, braking and snubber applications And power sources for industrial equipment.



## GENERAL SPECIFICATIONS

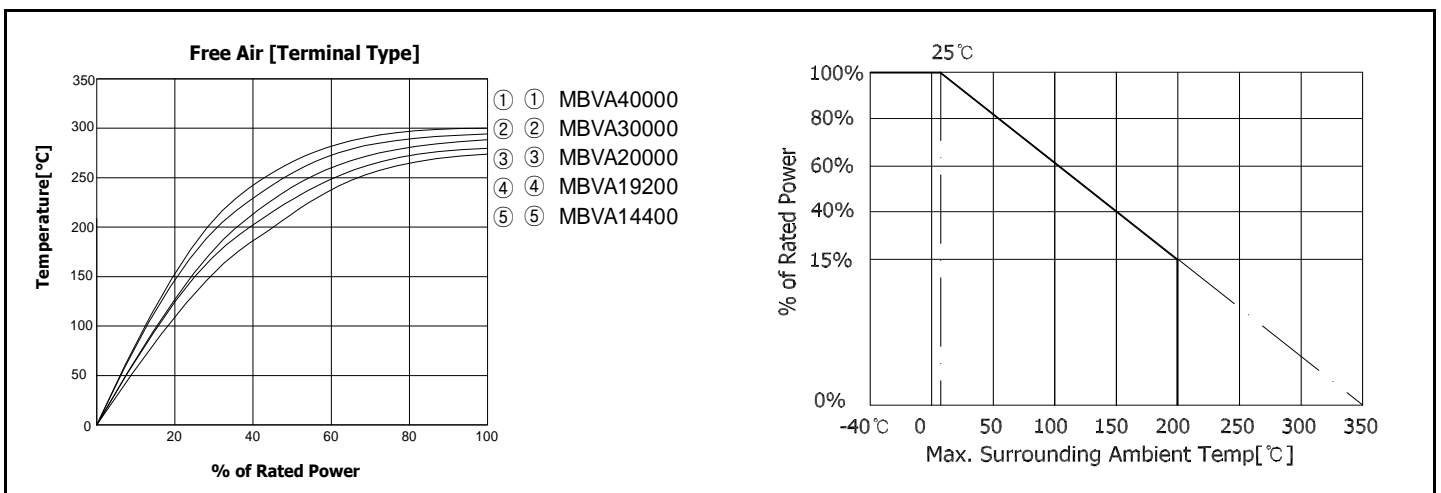
Model	Resistor Type [Inside]	Rated Power @25C [W]	Pulse Power [Kw]				*Resistance range[Ω]	Tolerance [%]
			*ED5%	*ED10%	*ED20%	*ED40%		
MBVA14400	2xMBV7200	3000	52.5	26	13	6.5	0.5 ~ 100	J[±5%] K[±10%]
MBVA19200	2xMBV9600	3500	64	32	16	8.0	0.7 ~ 90	
MBVA20000	2xMBV10800	4000	72	36	18	9.0	0.8 ~ 80	
MBVA30000	3xMBV10800	5000	100	52	26	13	1.0 ~ 50	
MBVA40000	4xMBV10800	5500	135	68	34	17	1.5 ~ 40	

\* Referred to a cycle duration of 120s / \* Extended ohmic ranges are available.

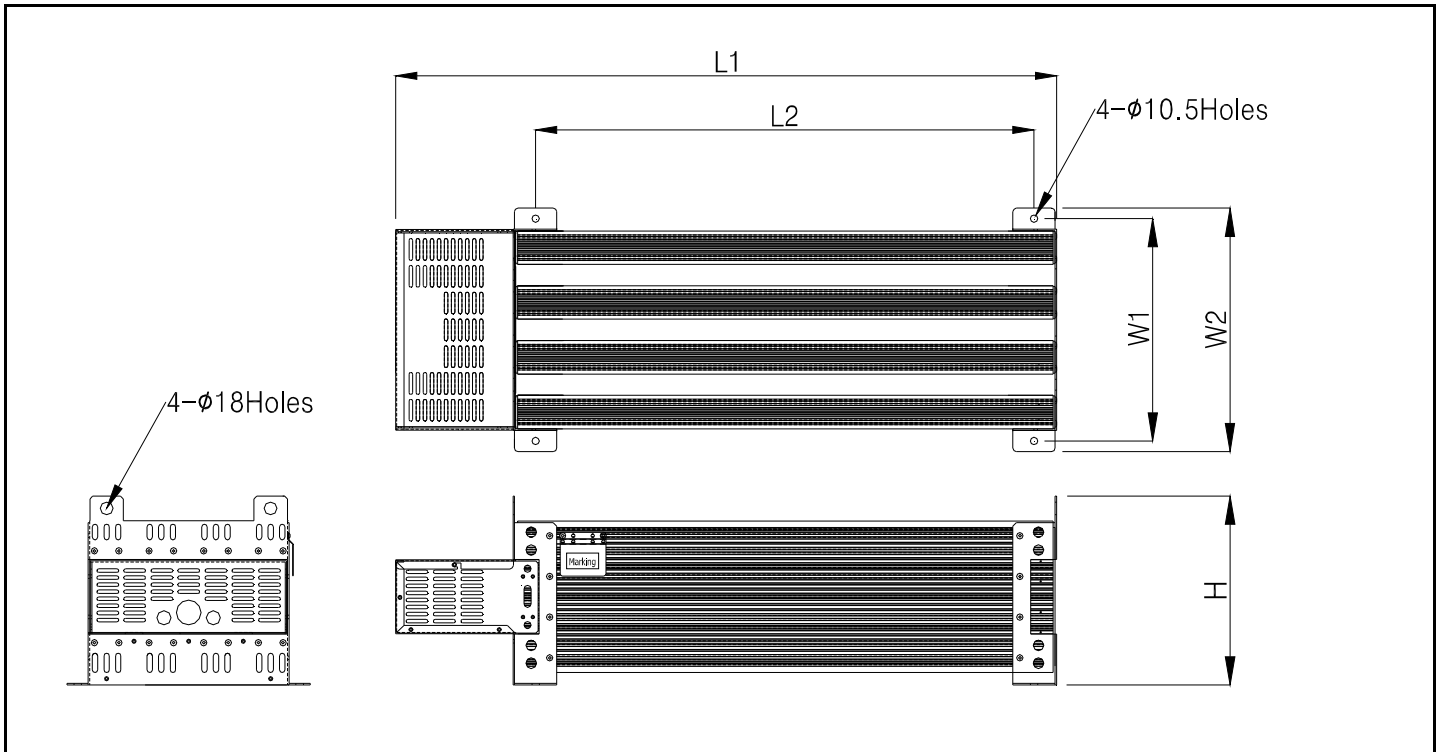
## CHARACTERISTICS

Test	Condition
Max.Surface Temperature	+350°C
Insulation Resistance	20MΩ minimum
Dielectric Strength	Available options : AC1500V for 1minute,Max leakage current : 4mA
Working Voltage	600VAC
Temperature Coefficient	Max. ± 260ppm/C
Short Time Overload	± [5%+0.05Ω] 5 - 10 X Power rating - in 5~10seconds

## SURFACE TEMPERATURE INCREASE VERSUS POWER LOAD & DERATING CURVE



**DIMENSIONS[mm]**



Model	$L1 \pm 10$	$L2 \pm 5$	$W1 \pm 3$	$W2 \pm 5$	$H \pm 3$	Approx. Weight[Kg]
MBVA14400	739	507	160	192	268	26
MBVA19200	839	607	160	192		30
MBVA20000	939	707	160	192		33
MBVA30000	939	707	273.5	269.5		47
MBVA40000	939	707	315	345		62